

FIGURE 1

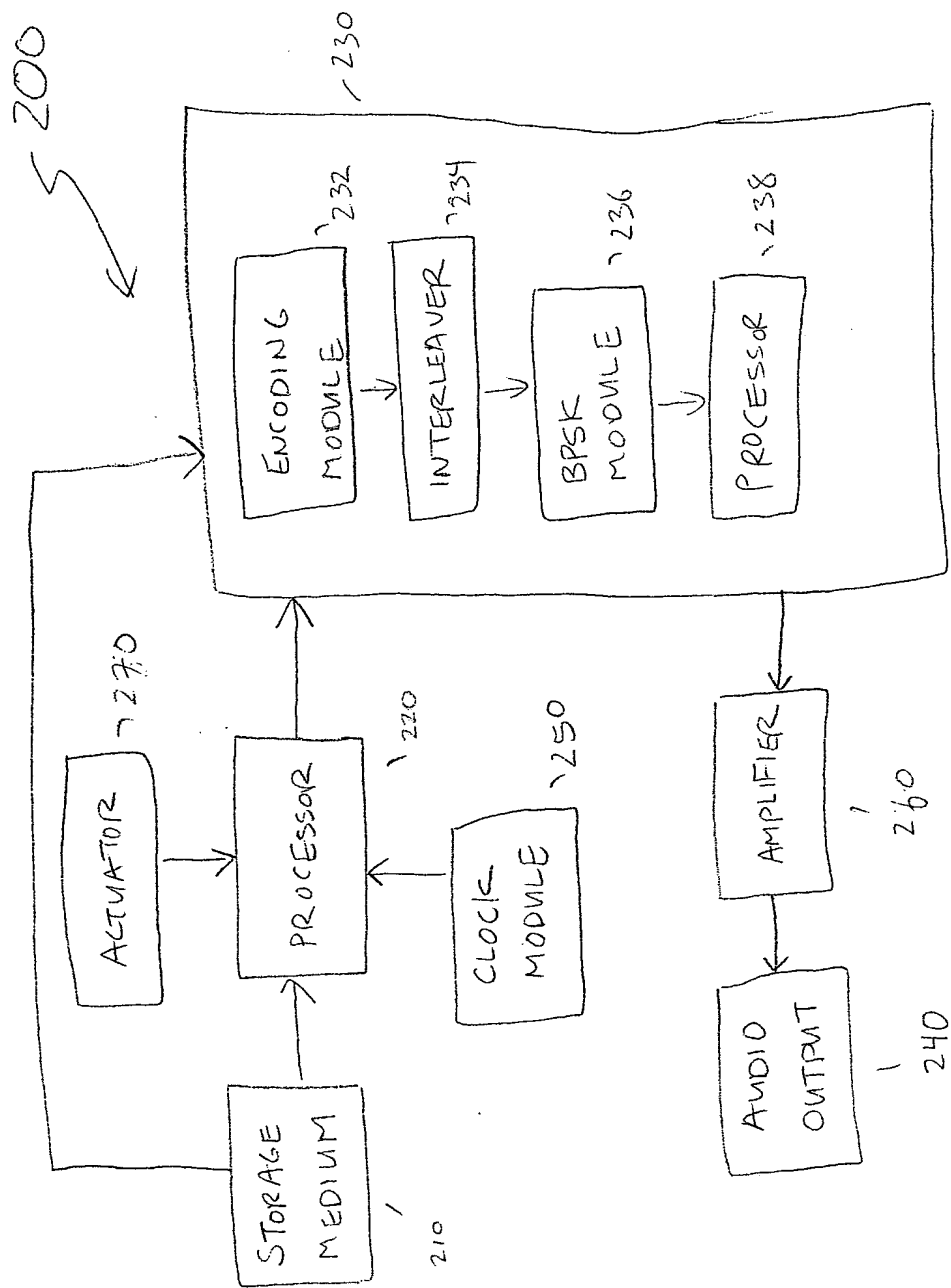


FIGURE 2

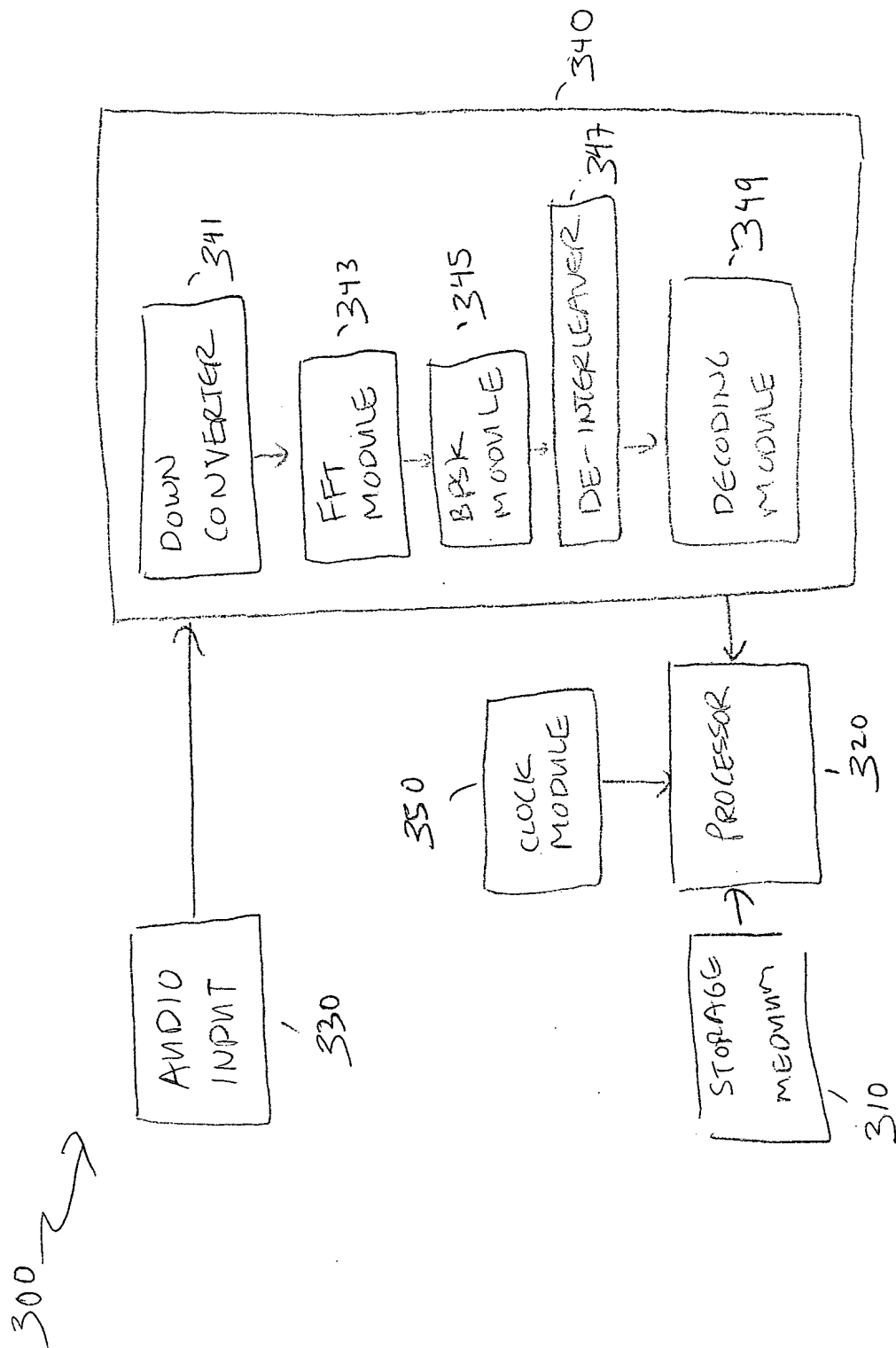


FIGURE 3

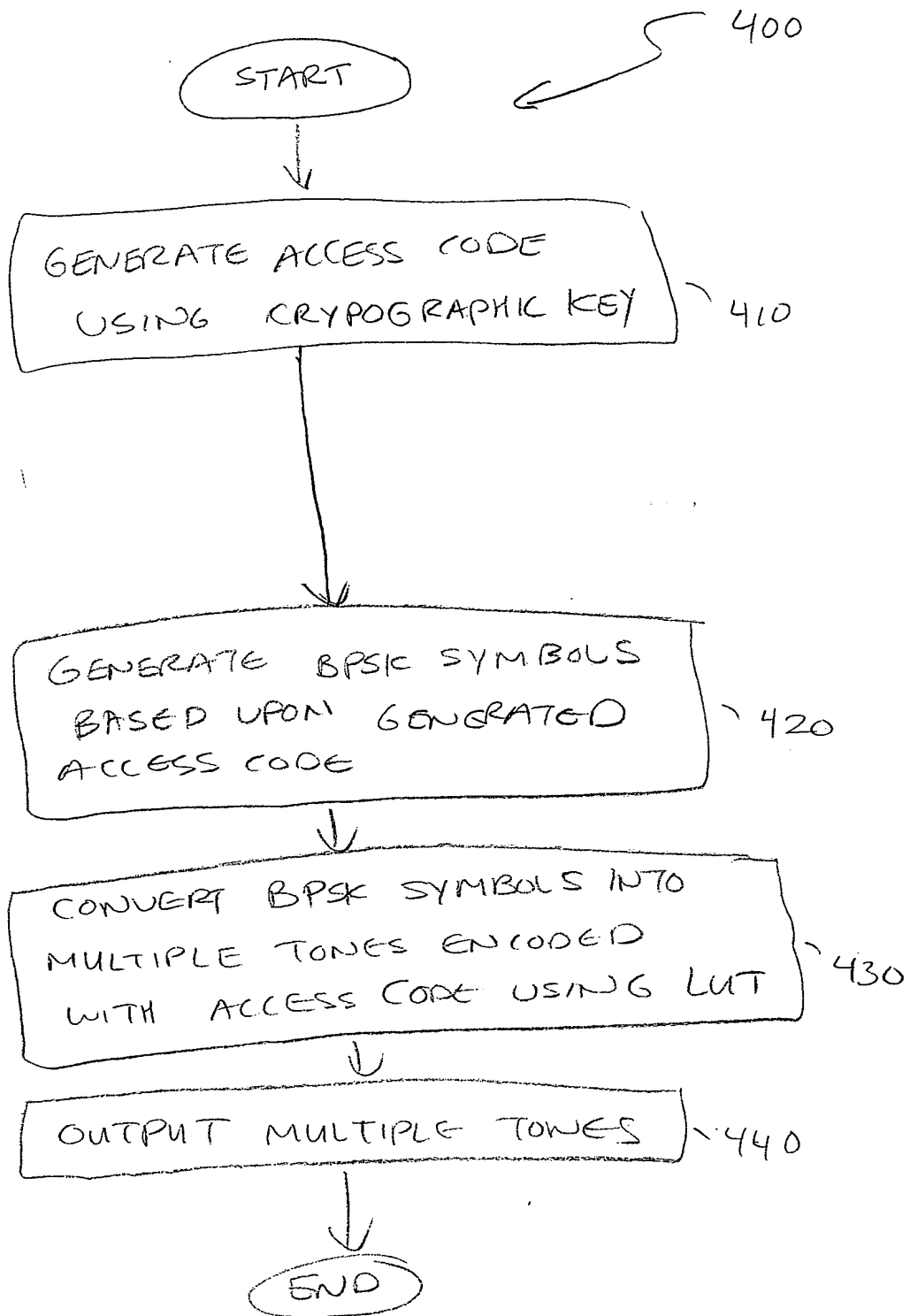
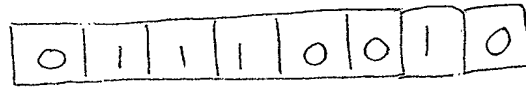


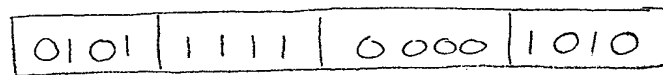
FIGURE 4

FIGURE 5A



BPSK SYMBOLS

FIGURE 5B



REPEATED BPSK SYMBOLS

FIGURE 5C

T ₁	T ₂	T ₃	T ₄
0000	0001	0010	0011
T ₅	T ₆	T ₇	T ₈
0100	0101	0110	0111
T ₉	T ₁₀	T ₁₁	T ₁₂
1000	1001	1010	1011
T ₁₃	T ₁₄	T ₁₅	T ₁₆
1100	1101	1110	1111

LUT

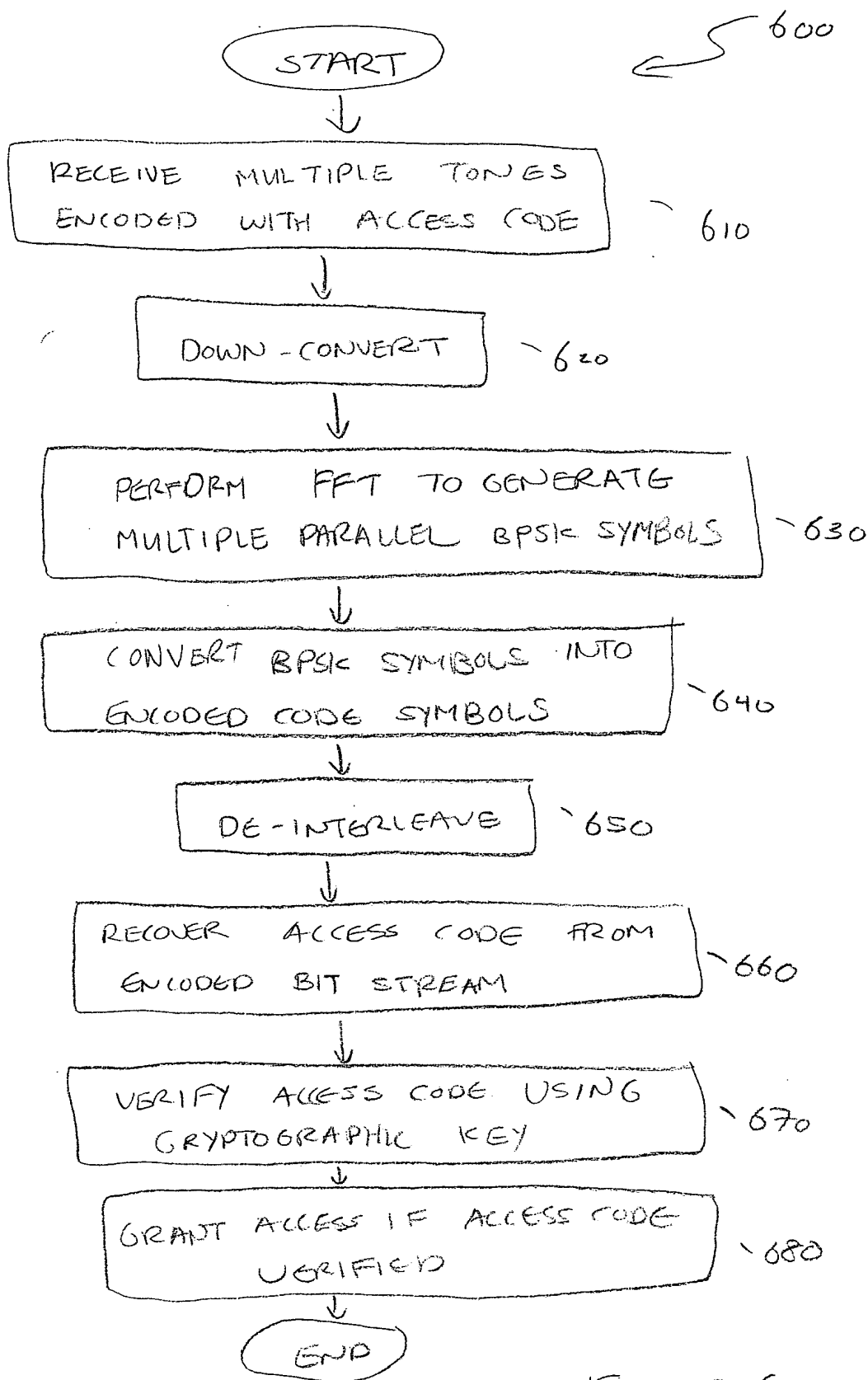


FIGURE 6

FIGURE 7A

$A_1 B_1 A_2 B_2$	$C_1 D_1 C_2 D_2$
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ORIGINAL REPEATED
SETS OF BPSK SYMBOLS

FIGURE 7B

$A'_1 B'_1 A'_2 B'_2$	$C'_1 D'_1 C'_2 D'_2$
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DEMODULATED REPEATED
SETS OF BPSK SYMBOLS

FIGURE 7C

$A'_1 B'_1$	$C'_2 D'_2$
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EXAMPLE SELECTED SET

FIGURE 7D

$A'_1 B'_2$	$C'_2 D'_1$
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EXAMPLE SELECTED SET

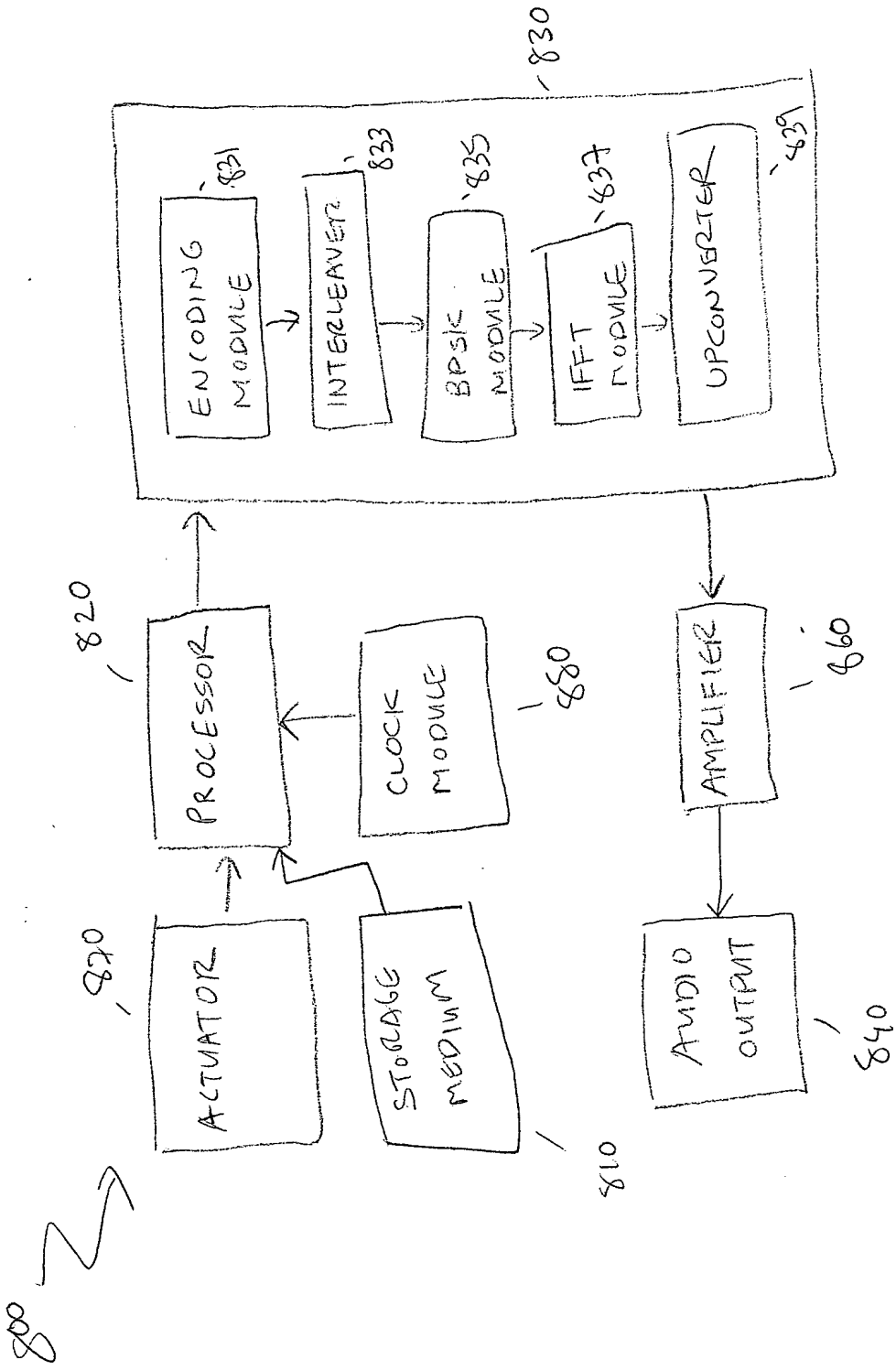


FIGURE 8

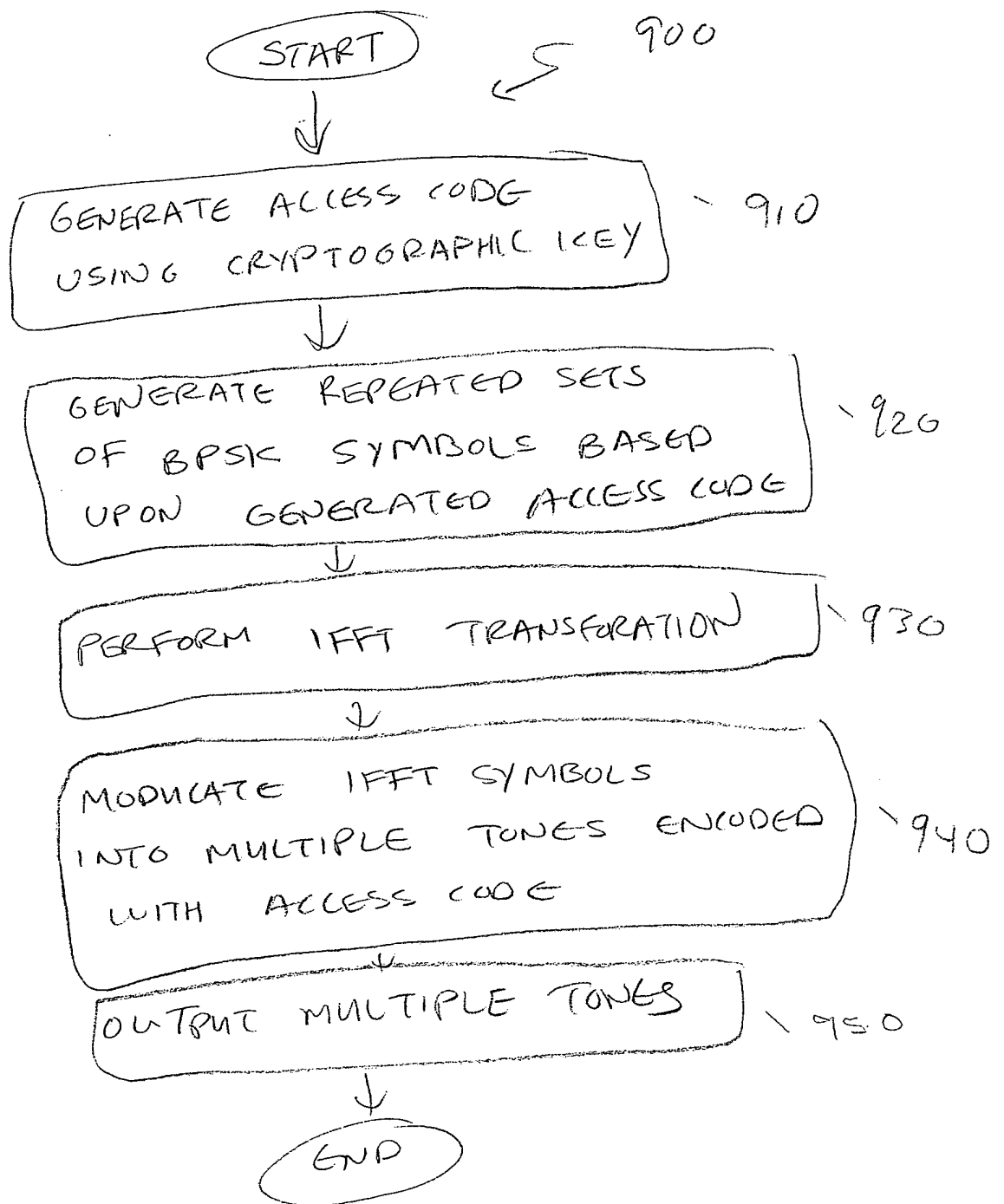


FIGURE 9.

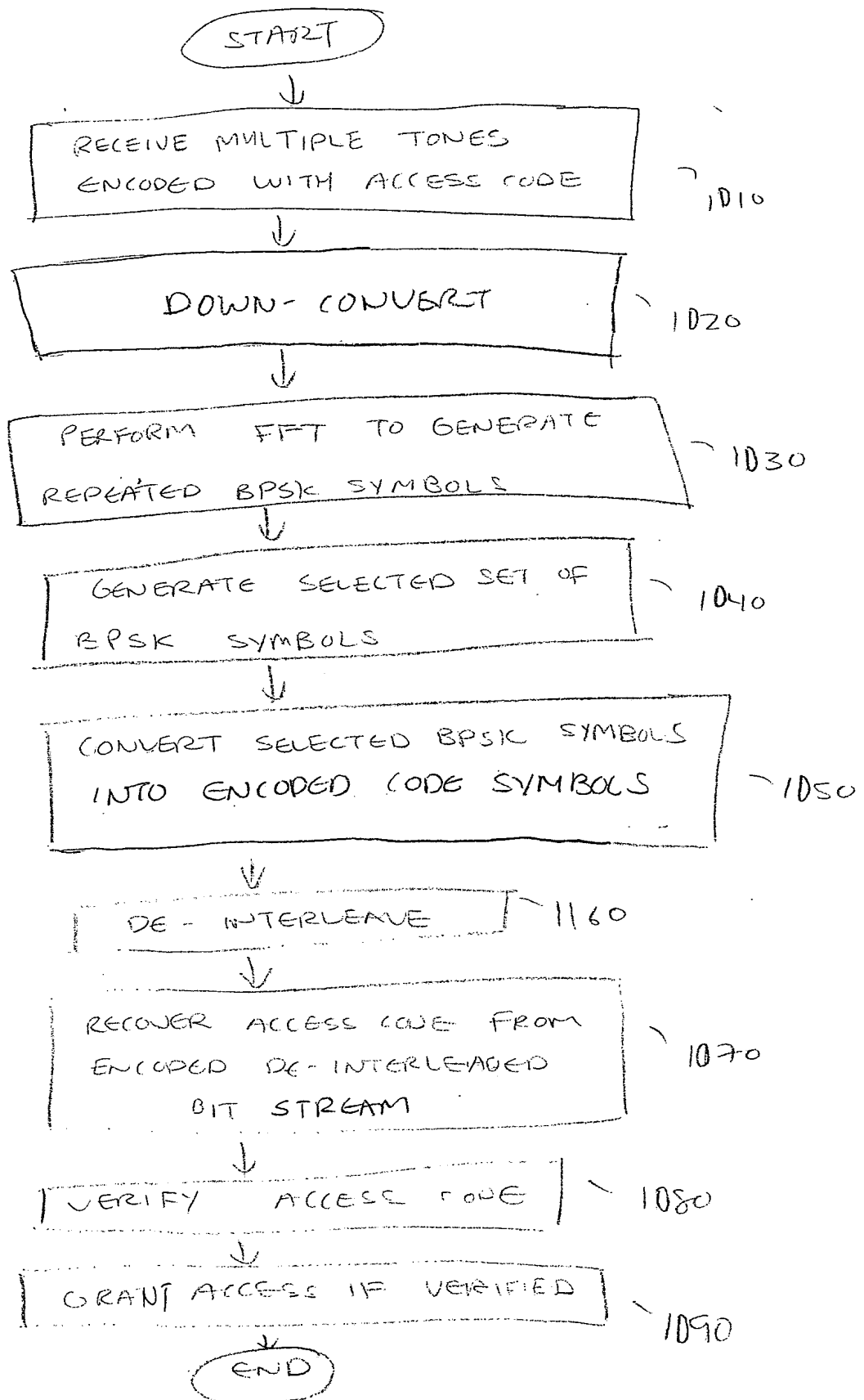


FIGURE 10

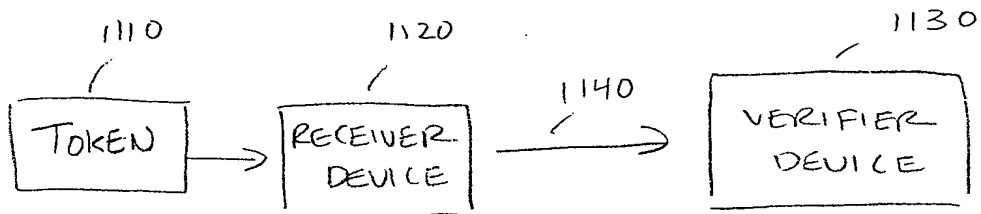


FIGURE 11A

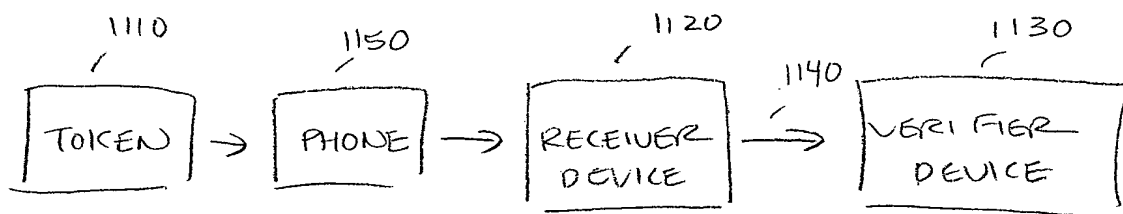


FIGURE 11B

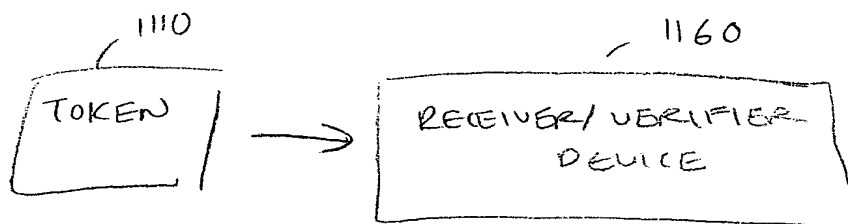


FIGURE 11C

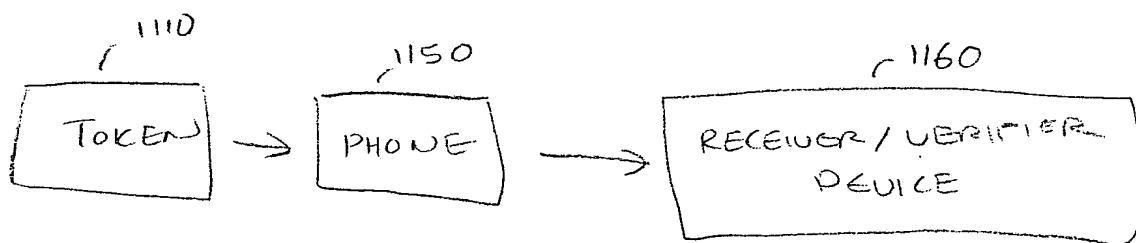


FIGURE 11D

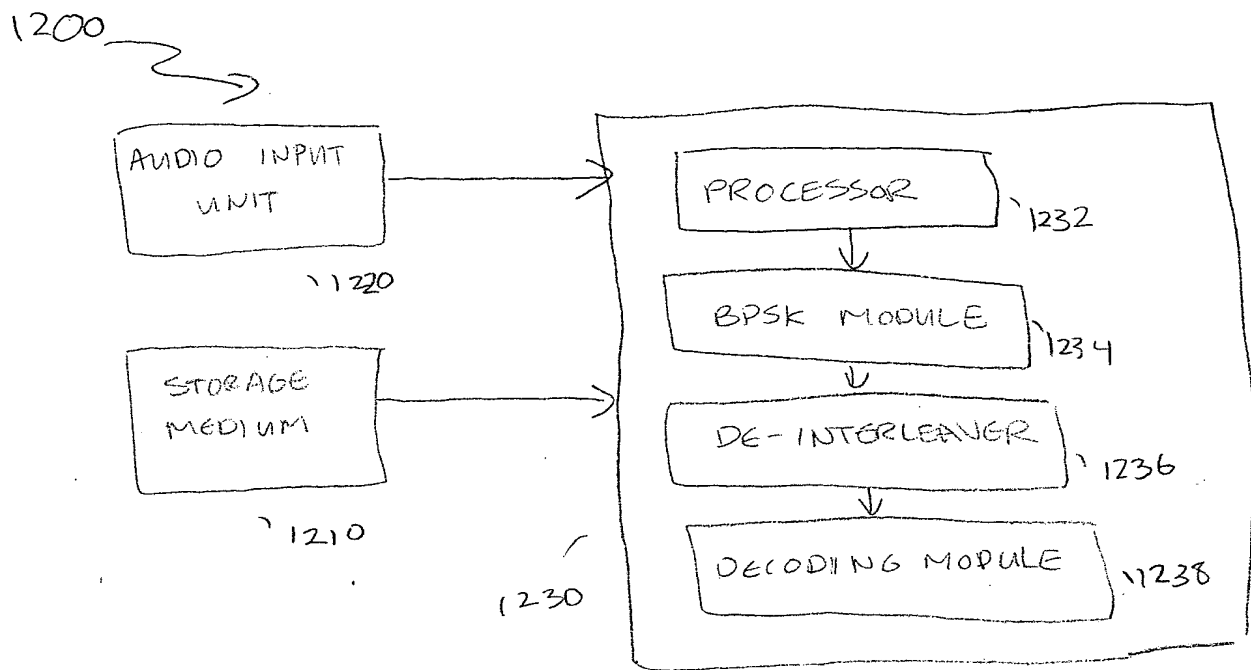


FIGURE 12

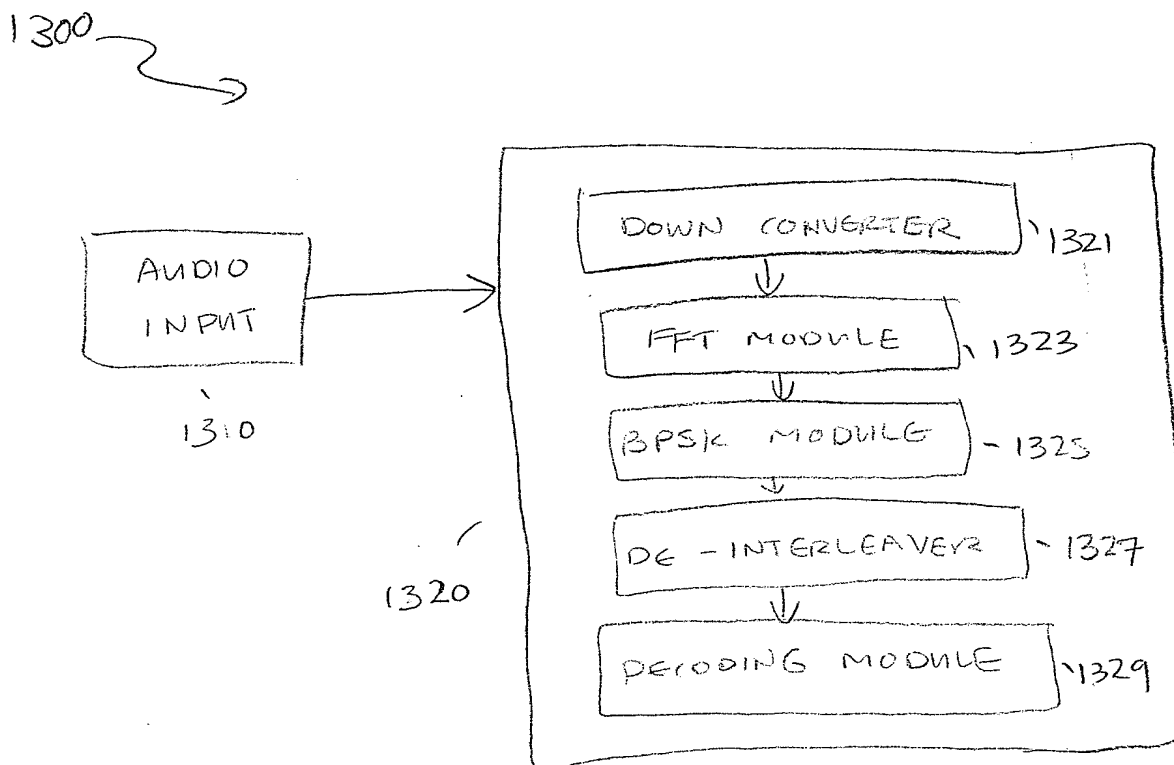


FIGURE 13

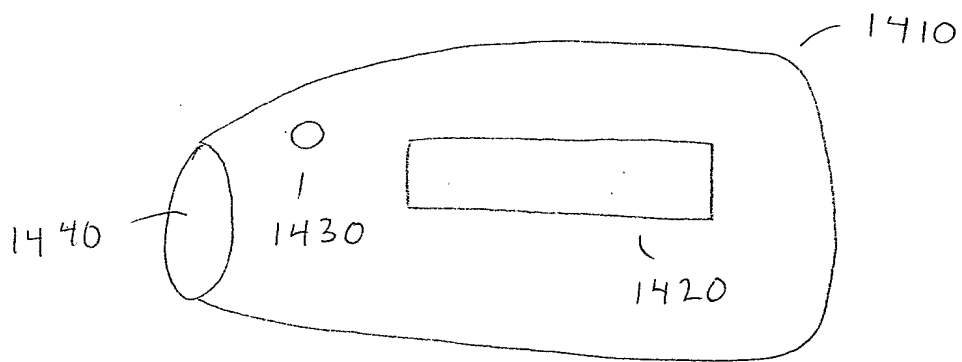


FIGURE 14A

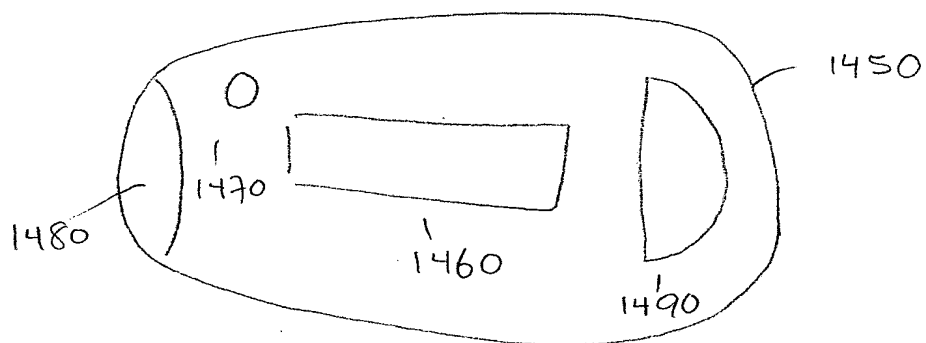


FIGURE 14B